



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Terunao HANAOKA

Group Art Unit: 2822

Application No.: 10/679,467

Examiner: T. TRAN

Filed: October 7, 2003

Docket No.: 117462

For: SEMICONDUCTOR WAFER, SEMICONDUCTOR DEVICE AND METHOD OF  
MANUFACTURING THE SAME, CIRCUIT BOARD, AND ELECTRONIC EQUIPMENT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. References 2-5 were cited in a counterpart foreign application.
- ☒ 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 4. English language Abstracts of the non-English language references 2-4 are attached hereto.
- ☒ 5. A computer-generated English language translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 2-4.

- ☒ 6. Reference 5 corresponds to reference 1.

Respectfully submitted,



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Date: June 29, 2005

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<p><b>DEPOSIT ACCOUNT USE AUTHORIZATION</b> Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
117462APPLICATION NO.  
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## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT  
Terunao HANAOKAFILING DATE  
October 7, 2003GROUP  
2822

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1.	6,425,516 B1	07/30/2002	Iwatsu et al.		

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	2.	JP A 11-87558 w/Abstract & Translation	03/30/1999	Japan		
	3.	JP A 2001-284376 w/Abstract & Translation	10/12/2001	Japan		
	4.	JP A 2000-340588 w/Abstract & Translation	12/08/2000	Japan		
	5.	JP A 2000-311921 (corresponds to reference 1)	11/07/2000	Japan		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: June 29, 2005